

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul53cxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in Caplus
NEWS 6 May 27 Caplus super roles and document types searchable in REGISTRY
NEWS 7 Jun 22 STN Patent Forums to be held July 19-22, 2004
NEWS 8 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 9 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
and WATER from CSA now available on STN(R)
NEWS 10 Jul 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:29:34 ON 14 JUL 2004

=> file caplus uspatful japio medline biosis embase europatful		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 17:30:16 ON 14 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 17:30:16 ON 14 JUL 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'JAPIO' ENTERED AT 17:30:16 ON 14 JUL 2004
COPYRIGHT (C) 2004 Japanese Patent Office (JPO)- JAPIO

FILE 'MEDLINE' ENTERED AT 17:30:16 ON 14 JUL 2004

FILE 'BIOSIS' ENTERED AT 17:30:16 ON 14 JUL 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'EMBASE' ENTERED AT 17:30:16 ON 14 JUL 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'EUROPATFULL' ENTERED AT 17:30:16 ON 14 JUL 2004
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

=> s implant and collagen?

L1 14550 IMPLANT AND COLLAGEN?

=> s l1 and (gel or paste or solution)

L2 8407 L1 AND (GEL OR PASTE OR SOLUTION)

=> s l2 and (particle? or particul?)

L3 7758 L2 AND (PARTICLE? OR PARTICUL?)

=> s l3 and microns

L4 1934 L3 AND MICRONS

=> s l4 and (original architecture)

L5 5 L4 AND (ORIGINAL ARCHITECTURE)

=> d l5 1-5 ibib abs

L5 ANSWER 1 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:4289 USPATFULL

TITLE: Prosthetic kidney and its use for treating kidney disease

INVENTOR(S): Atala, Anthony, Weston, MA, United States
Yoo, James J., Brookline, MA, United States
Ashkar, Samy, Boston, MA, United States

PATENT ASSIGNEE(S): Children's Medical Center Corporation, Boston, MA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6673339	B1	20040106
	WO 9809582		19980312
APPLICATION INFO.:	US 1999-254476		19990526 (9)
	WO 1997-US15470		19970904

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-25511P	19960905 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	McDermott, Corrine	
ASSISTANT EXAMINER:	Pellegrino, Brian E	
LEGAL REPRESENTATIVE:	Engellenner, Thomas, Sagoo, Jasbir, Nutter, McClennen & Fish, LLP	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	24 Drawing Figure(s); 7 Drawing Page(s)	
LINE COUNT:	1470	

AB The invention is directed to a prosthetic kidney, to methods of making a prosthetic kidney and to methods of treating kidney disease with a

prosthetic kidney. The prosthetic kidney comprises nephron analogs on the exterior surface and an enclosed porous membrane structure equipped with an effluent channel for collecting and draining urine from the device. The nephron analogs are prepared by implanting a device containing renal tubule analogs on the membrane structures and inducing angiogenesis to form glomeruli-like structures. The renal tubule analogs are prepared by seeding kidney cells on the porous membrane structure and culturing this composite in vitro.

L5 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:61564 USPATFULL
TITLE: Osteogenic implants derived from bone
INVENTOR(S): Boyce, Todd M., Aberdeen, NJ, UNITED STATES
Kaes, David, Toms River, NJ, UNITED STATES
Scarborough, Nelson L., Ocean, NJ, UNITED STATES
PATENT ASSIGNEE(S): OSTEOTECH, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002035401	A1	20020321
APPLICATION INFO.:	US 2001-973597	A1	20011009 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-610026, filed on 3 Jul 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Peter G. Dilworth, Esq., DILWORTH & BARRESE, LLP, 333 Earle Ovington Blvd., Uniondale, NY, 11553		
NUMBER OF CLAIMS:	40		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	1250		

AB An osteogenic osteoimplant in the form of a flexible sheet comprising a coherent mass of bone-derived **particles**, the osteoimplant having a void volume not greater than about 32% and a method of making an osteogenic osteoimplant having not greater than about 32% void volume, the method comprising: providing a coherent mass of bone-derived **particles**; and, mechanically shaping the coherent mass of bone-derived **particles** to form an osteogenic osteoimplant in the form of a flexible sheet.

L5 ANSWER 3 OF 5 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 1296726 EUROPATFULL EW 200406 FS PS
TITLE: OSTEOGENIC IMPLANTS DERIVED FROM BONE.
KNOCHENBILDENDES IMPLANTAT AUS KNOCHEN.
IMPLANTS OSTEOGENIQUES DERIVES D'UNE MASSE OSSEUSE.
INVENTOR(S): BOYCE, Todd, M., 515 Wellington Place, Aberdeen, NJ 07747, US;
KAES, David, 2198 Old Church Road, Toms River, NJ 08753, US;
SCARBOROUGH, Nelson, L., 430 River Road, Andover, Mass 01810, US
PATENT ASSIGNEE(S): Osteotech, Inc., 51 James Way, Eatontown, NJ 07724, US
PATENT ASSIGNEE NO: 1118232
AGENT: Laufhuetten, Dieter, Dr.-Ing., Lorenz-Seidler-Gossel Widenmayerstrasse 23, 80538 Muenchen, DE
AGENT NUMBER: 61841
OTHER SOURCE: MEPB2004006 EP 1296726 B1 0021
SOURCE: Wila-EPS-2004-H06-T1
DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R DE; R ES; R FR; R GB; R IT; R TR
PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale
Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 1296726	B1	20040204
'OFFENLEGUNGS' DATE:			20030402
APPLICATION INFO.:	EP 2001-948706		20010627
PRIORITY APPLN. INFO.:	US 2000-610026		20000703
RELATED DOC. INFO.:	WO 200US1020220	010627	INTAKZ
	WO 2002002156	020110	INTPNR
REFERENCE PAT. INFO.:	EP 483944 A	WO -35510	A
	WO -50102 A	WO 97-25941	A
	WO 99-39757 A	US 5236456	A
	US 5507813 A		

L5 ANSWER 4 OF 5 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 1112096 EUROPATFULL EW 200313 FS PS
TITLE: **COLLAGENOUS** TISSUE COMPOSITIONS.

ZUSAMMENSETZUNGEN VON KOLLAGENGEBEBEN.
COMPOSITIONS POUR TISSUS A BASE DE MATIERE
COLLAGENE.

INVENTOR(S): OLIVER, Roy, Frederick, Priorwell House Gauldry, Fife
DD6 8SE, GB;
GRANT, Roy, Arthur, 15 Pine Park Mansions 1-3 Wilderton
Road, Branksome Park Poole Dorset BH13 6EB, GB
PATENT ASSIGNEE(S): Tissue Science Laboratories plc, Victoria House,
Victoria Road, Aldershot, Hampshire GU11 1EJ, GB

PATENT ASSIGNEE NO: 4173941
AGENT: Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street,
Manchester M2 7BD, GB

AGENT NUMBER: 101771
OTHER SOURCE: MEPB2003013 EP 1112096 B1 0006
SOURCE: Wila-EPS-2003-H13-T1
DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R
GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale
Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 1112096	B1	20030326
'OFFENLEGUNGS' DATE:			20010704
APPLICATION INFO.:	EP 1999-946309		19990910
PRIORITY APPLN. INFO.:	GB 1998-19882		19980911
RELATED DOC. INFO.:	WO 99-GB3013	990910	INTAKZ
	WO 00015274	000323	INTPNR
REFERENCE PAT. INFO.:	EP 83868 A	EP 251695	A
	EP 697218 A	WO 93-13755	A
	US 4582640 A	US 4837285	A
	US 5256140 A	US 5523291	A
	US 5705488 A		

L5 ANSWER 5 OF 5 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 929271 EUROPATFULL EW 200409 FS PS
 TITLE: PROSTHETIC KIDNEY.
 NIERENPROTHESE.
 REIN PROTHETIQUE.
 INVENTOR(S): ATALA, Anthony, 74 Westerly Road, Weston, MA 02193, US;
 YOO, James, J., Apartment B311, 20 Chapel Street,
 Brookline, MA 02146, US;
 ASHKAR, Samy, Apartment 606, 12 Stoneholm Street,
 Boston, MA 02115, US
 PATENT ASSIGNEE(S): CHILDREN'S MEDICAL CENTER CORPORATION, 300 Longwood
 Avenue, Boston Massachusetts 02115, US
 PATENT ASSIGNEE NO: 629161
 AGENT: Strehl Schuebel-Hopf & Partner, Maximilianstrasse 54,
 80538 Muenchen, DE
 AGENT NUMBER: 100941
 OTHER SOURCE: MEPB2004009 EP 0929271 B1 0036
 SOURCE: Wila-EPS-2004-H09-T2
 DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R
 GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE
 PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale
 Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND	DATE

'OFFENLEGUNGS' DATE:	EP 929271	B1	20040225
APPLICATION INFO.:			19990721
PRIORITY APPLN. INFO.:	EP 1997-941403		19970904
RELATED DOC. INFO.:	US 1996-25511		19960905
	WO 199US7015470	970904	INTAKZ
	WO 1998009582	980312	INTPNR
REFERENCE PAT. INFO.:	WO 93-07913 A	US 4769037	A
	US 5429938 A	US 5516680	A
	US 5549674 A		
REF. NON-PATENT-LIT.:	DATABASE MEDLINE US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US Medline accession no. 95345386, COURJAULT-GAUTIER F. ET AL.: XP002055434 & J. AM. SOC. NEPHROL, vol. 5, no. 11, May 1995, pages 1949-1963, DATABASE EMBASE ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL Medline accession no. 96257381, FOURNIER N. ET AL.: "Biological molecule-impregnated polyester: An in vivo angiogenesis study" XP002055435 & BIOMATERIALS, vol. 17, no. 17, 1996, pages 1659-1665, DATABASE MEDLINE US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US Medline accession no. 91029709, BOOGAARD P.J. ET AL.: "Renal proximal tubular cells in suspension or in primary culture as in vitro models to study nephrotoxicity" XP002055436 & CHEM. BIOL INTERACT, vol. 76, no. 3, 1990, pages 251-291, DATABASE MEDLINE US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US HUMES H.D. ET AL.: "Tubulogenesis from isolated single cells of adult mammalian kidney - clonal analysis with a recombinant retrovirus" XP002055437 & AMERICAN JOURNAL OF PHYSIOLOGY-RENAL FLUID AND ELECTROLYTE PHYSIOLOGY, vol. 40, no. 1, JULY, pages F42-F49, DATABASE MEDLINE US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US Medline accession no. 95358356, GENESTIE I. ET AL.: "Polarity and transport properties of rabbit kidney proximal tubule cells on collagen IV-coated porous membranes" XP002055438 & AM. J. PHYSIOL, vol. 269, no. 1, part 2, July 1995, pages F22-F30, H. DAVID HUMES ET AL.: "Effects of Transforming Growth Factor-beta, Transforming Growth Factor-alpha, and Other Growth		

Factors on Renal Proximal Tubule Cells" LABORATORY
 INVESTIGATION, vol. 64, no. 4, 1991, XP002055432 MARY
 TAUB ET AL.: "Epidermal growth factor alpha is required
 for kidney tubulogenesis in matrigel cultures in
 serum-free medium" PROC. NATL. ACAD. SCI., vol. 87, May
 1990, XP002055433

=> d his

(FILE 'HOME' ENTERED AT 17:29:34 ON 14 JUL 2004)

FILE 'CAPLUS, USPATFULL, JAPIO, MEDLINE, BIOSIS, EMBASE, EUROPATFULL'
 ENTERED AT 17:30:16 ON 14 JUL 2004

L1 14550 S IMPLANT AND COLLAGEN?
 L2 8407 S L1 AND (GEL OR PASTE OR SOLUTION)
 L3 7758 S L2 AND (PARTICLE? OR PARTICUL?)
 L4 1934 S L3 AND MICRONS
 L5 5 S L4 AND (ORIGINAL ARCHITECTURE)

=> s l4 and (non antigenic)

L6 42 L4 AND (NON ANTIGENIC)

=> s l6 and (biocompatible carrier)

L7 2 L6 AND (BIOCOMPATIBLE CARRIER)

=> d l7 1-2 ibib abs

'ABS' IS NOT A VALID FORMAT FOR FILE 'EUROPATFULL'

The following are valid formats:

MAX ----- AN, ED, UP, EW, FS, TI, TIDE, TIFR, IN, PA, PAN, AG, AGN,
 OS, SO, DT, LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP,
 REN, IC (ICM, ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, AB,
 ABDE, ABFR, DETD, DETDDE, DETDFR, CLMDE, CLMFR

MAXG ----- MAX plus GI

MAX.OS ----- MAX, OS only

MAXG.OS ----- MAX.OS plus GI

MAX.PS ----- MAX, PS only

IMAX ----- MAX, indented with text labels

IMAX.OS ----- MAX, indented with text labels, OS only

IMAX.PS ----- MAX, indented with text labels, PS only

ALL ----- AN, ED, UP, EW, FS, TI, IN, PA, PAN, AG, AGN, OS, SO, DT,
 LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM,
 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, AB*, DETD*, CLM*
 (* German or French text if English text is not available)

ALLG ----- ALL plus GI

ALL.OS ----- ALL, OS only

ALLG.OS ----- ALL.OS plus GI

ALL.PS ----- ALL, PS only

IALL ----- ALL, indented with text labels

IALLG ----- IALL plus GI

IALL.OS ----- ALL, indented with text labels, OS only

IALLG.OS ----- IALL.OS plus GI

IALL.PS ----- ALL, indented with text labels, PS only

ALLDE ----- AN, ED, UP, EW, FS, TIDE, IN, PA, PAN, AG, AGN, OS, SO, DT,
 LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM,
 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, ABDE*, DETDDE*, CLMDE*
 (* English or French text if German text is not available)

ALLGDE ----- ALLDE plus GI

ALLDE.OS ----- ALLDE, OS only

ALLGDE.OS -- ALLDE.OS plus GI
 ALLDE.PS --- ALLDE, PS only

ALLFR ----- AN, ED, UP, EW, FS, TIFR, IN, PA, PAN, AG, AGN, OS, SO, DT,
 LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM,
 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, ABFR* , DETDFR*, CLMFR*
 (* English or German text if French text is not available)

ALLGFR ----- ALLFR plus GI
 ALLFR.OS --- ALLFR, OS only
 ALLGFR.OS -- ALLFR.OS plus GI
 ALLFR.PS --- ALLFR, PS only

BRIEF ----- AN, ED, UP, EW, FS, TI, IN, PA, PAN, AG, AGN, OS, SO, DT,
 LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM,
 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, AB*, MCLM*
 (* German or French text if English text is not available)

BRIEFG ----- BRIEF plus GI
 BRIEF.OS --- BRIEF, OS only
 BRIEFG.OS -- BRIEF.OS plus GI
 BRIEF.PS --- BRIEF, PS only
 IBRIEF ----- BRIEF, indented with text labels
 IBRIEFG ----- IBRIEF plus GI
 IBRIEF.OS -- BRIEF, indented with text labels, OS only
 IBRIEFG.OS - IBRIEF.OS plus GI
 IBRIEF.PS -- BRIEF, indented with text labels, PS only

BIB ----- AN, ED, UP, EW, FS, TI, TIDE, TIFR, IN, PA, PAN, AG, AGN,
 OS, SO, DT, LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN

BIB.OS ----- BIB, OS only
 BIB.PS ----- BIB, PS only
 IBIB ----- BIB, indented with text labels
 IBIB.OS ----- BIB, indented with text labels, OS only
 IBIB.PS ----- BIB, indented with text labels, PS only
 BIBU ----- BIB, with German headers
 BIBU.OS ----- BIB, with German headers, OS only
 BIBU.PS ----- BIB, with German headers, PS only

STD ----- AN, ED, UP, EW, FS, TI, TIDE, TIFR, IN, PA, SO, DS, PIT, PI,
 OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM, ICS), ICA, ICI

STD.OS ----- STD, OS only
 STD.PS ----- STD, PS only
 ISTD ----- STD, indented with text labels
 ISTD.OS ----- STD, indented with text labels, OS only
 ISTD.PS ----- STD, indented with text labels, PS only
 STDU ----- STD, with German headers
 STDU.OS ----- STD, with German headers, OS only
 STDU.PS ----- STD, with German headers, PS only

IND ----- ED, UP, EW, FS, IC (ICM, ICS), ICA, ICI
 IND.OS ----- IND, OS only
 IND.PS ----- IND, PS only

TRI ----- TI, TIDE, TIFR, IC (ICM, ICS), ICA, ICI, CLMN, PGC, FA, GIS
 TRI.OS ----- TRI, OS only
 TRI.PS ----- TRI, PS only

TX ----- DETD, CLM
 TX.OS ----- TX, OS only
 TX.PS ----- TX, PS only
 TXDE ----- DETDDE, CLMDE
 TXDE.OS ----- TXDE, OS only
 TXDE.PS ----- TXDE, PS only
 TXFR ----- DETDFR, CLMFR
 TXFR.OS ----- TXFR, OS only

TXFR.PS ---- TXFR, PS only

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDSD' at an arrow prompt (=>). Examples of formats include: 'TI'; 'AN,TI,AU'; 'BIB,CT'; 'TI,CT'. The order of the terms in the formats is not important, but information will be displayed in the same order as the format specification. The same formats may be used with the DISPLAY ACC command to display the record for a specified accession number.

ENTER DISPLAY FORMAT (STD):ab

L7 ANSWER 1 OF 2 EUROPATFULL COPYRIGHT 2004 WILA on STN

L7 ANSWER 2 OF 2 EUROPATFULL COPYRIGHT 2004 WILA on STN

ABEN Moldable **collagen** compositions useful in hard tissue repair and augmentation are disclosed. The compositions comprise nonfibrillar **collagen** and a **particulate** material, optionally in combination with biologically active agents. A **particularly** preferred composition comprises fibrillar **collagen**, a fiber disassembly agent, and a **particulate** material. Methods for using the compositions in the repair and augmentation of hard tissue are also disclosed. <image>

=> d l7 1-2 ibib ab

L7 ANSWER 1 OF 2 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 1112096 EUROPATFULL EW 200313 FS PS

TITLE: **COLLAGENOUS** TISSUE COMPOSITIONS.
ZUSAMMENSETZUNGEN VON KOLLAGENGEWEBEN.
COMPOSITIONS POUR TISSUS A BASE DE MATIERE
COLLAGENE.

INVENTOR(S): OLIVER, Roy, Frederick, Priorwell House Gauldry, Fife
DD6 8SE, GB;
GRANT, Roy, Arthur, 15 Pine Park Mansions 1-3 Wilderton
Road, Branksome Park Poole Dorset BH13 6EB, GB

PATENT ASSIGNEE(S): Tissue Science Laboratories plc, Victoria House,
Victoria Road, Aldershot, Hampshire GU11 1EJ, GB

PATENT ASSIGNEE NO: 4173941

AGENT: Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street,
Manchester M2 7BD, GB

AGENT NUMBER: 101771

OTHER SOURCE: MEPB2003013 EP 1112096 B1 0006

SOURCE: Wila-EPS-2003-H13-T1

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R
GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE

PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale
Anmeldung)

PATENT INFORMATION:

PATENT NO	KIND	DATE
-----------	------	------

EP 1112096	B1	20030326
------------	----	----------

'OFFENLEGUNGS' DATE: 20010704

APPLICATION INFO.:	EP 1999-946309	19990910
--------------------	----------------	----------

PRIORITY APPLN. INFO.:	GB 1998-19882	19980911
------------------------	---------------	----------

RELATED DOC. INFO.:	WO 99-GB3013	990910 INTAKZ
---------------------	--------------	---------------

	WO 00015274	000323 INTPNR
REFERENCE PAT. INFO.:	EP 83868 A	EP 251695 A
	EP 697218 A	WO 93-13755 A
	US 4582640 A	US 4837285 A
	US 5256140 A	US 5523291 A
	US 5705488 A	

L7 ANSWER 2 OF 2 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 747067 EUROPATFULL EW 199650 FS OS
TITLE: Moldable **collagen** compositions for hard tissue repair and augmentation.
Verformbare **Collagengemische** zur Hartgeweberegenerierung und Vermehrung.
Compositions de **collagene** moulables pour la reparation des tissus durs et augmentation.

INVENTOR(S): McMullin, Hugh R., 2151 Manzanita, Menlo Park, California 94025, US;
Schroeder, Jacqueline A., 1133 Woodrow Street, Redwood City, CA 94061, US

PATENT ASSIGNEE(S): COLLAGEN CORPORATION, 2500 Faber Place, Palo Alto, California 94303, US

PATENT ASSIGNEE NO: 255151
AGENT: Schwan, Gerhard, Dipl.-Ing., Elfenstrasse 32, 81739 Muenchen, DE

AGENT NUMBER: 10931
OTHER SOURCE: ESP1996067 EP 0747067 A2 961211
SOURCE: Wila-EPZ-1996-H50-T1b
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R CH; R DE; R ES; R FR; R GB; R IT; R LI; R NL
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

	PATENT NO	KIND DATE
	-----	-----
	EP 747067	A2 19961211
'OFFENLEGUNGS' DATE:		19961211
APPLICATION INFO.:	EP 1996-108504	19960529
PRIORITY APPLN. INFO.:	US 1995-481595	19950607

ABEN Moldable **collagen** compositions useful in hard tissue repair and augmentation are disclosed. The compositions comprise nonfibrillar **collagen** and a **particulate** material, optionally in combination with biologically active agents. A **particularly** preferred composition comprises fibrillar **collagen**, a fiber disassembly agent, and a **particulate** material. Methods for using the compositions in the repair and augmentation of hard tissue are also disclosed. <image>